

Collaboration, Communities, Well-being and Information System

**Abdul Rahman Bin Ahmad Dahlan
Muhd Rosydi Bin Muhammad**



IIUM PRESS

INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA

COLLABORATION, COMMUNITIES, WELL-BEINGS AND INFORMATION SYSTEMS

Abdul Rahman bin Ahmad Dahlan

Muhd Rosydi bin Muhammad



IIUM Press

Published by:
IIUM Press
International Islamic University Malaysia

First Edition, 2011
©IIUM Press, IIUM

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without any prior written permission of the publisher.

Perpustakaan Negara Malaysia

Cataloguing-in-Publication Data

Bibliography p.
Includes Index

ISBN

ISBN: 978-967-418-102-4

Member of Majlis Penerbitan Ilmiah Malaysia – MAPIM
(Malaysian Scholarly Publishing Council)

Printed by:
IIUM PRINTING SDN. BHD.
No. 1, Jalan Industri Batu Caves 1/3
Taman Perindustrian Batu Caves
Batu Caves Centre Point
68100 Batu Caves
Selangor Darul Ehsan

TABLE OF CONTENT

1. 1 Government, Many Agencies and The Malaysian Student Integrated System

Abdul Rahman Ahmad Dahlan, Abdul Wafiy Sahar, Abdul Halim Mahmood, Mohd Farith Che Rohim, Muadz Ahmad Raji, Muhammad Ridha Atiq Mohd Radzi and Muhd Rosydi Muhammad1

2. Malaysian Islamic Matrimonial Online System

Abdul Rahman Ahmad Dahlan, Noordiyana Bt Abd Samad, Nor Atikah Ab Kadir, Nurdayana Fadzlin Binti Mohamad Safie, Nurul Diyana Binti Ahmad Fauzi, Juhanifah Bte Musa and Aznan Zuhid Saidin..... 10

3. Knowledge Management Initiative in International Islamic University of Malaysia (IIUM)

Muharman Lubis, Ikhlas Zamzami, Hanan Fatani, Ismail Ibrahim Abdul Rahman Ahmad Dahlan and Mohamad Fauzan Noordin..... 18

4. IslamicGRID and Knowledge Management

Al-Abrar bin Abdul Wahid, Hissein Aboubakar, Mamdhoo Rameez, Mohammad Salem AlMohaifer, Abdul Rahman Ahmad Dahlan, Kamarudin Hj Dolmoin and Mohamad Fauzan Noordin..... 29

5. Collaborative Healthcare System: A Citizen-centric and Whole-of-Government Approach in Malaysian Healthcare

Zaidoon Kh. Abdulatif, Abdul Rahman Ahmad Dahlan, Ismail Mahmood, Muhammed Aydin and Muhd Rosydi Muhammad38

6. Malaysia National Library and Knowledge Management Initiative

Nurul Ibtisam Yaacob, Zaidoon Kh. Abdullatif, Khalid Osama, Mustafa Nasser Avif, Montadzah Ambag Abdulghani, Abdul Rahman Ahmad Dahlan, Nafisah Ahmad and Mohamad Fauzan Noordin..... 49

7. 1 Touch I-Care System: Collaborative Web-Based Solution

Abdul Rahman Ahmad Dahlan, Khairunnisaa’ Ab Hamid, Nur Atiqah bt Mat Sahuri, Ruhana Abdul Halim, Nor Aishah Abu Talib and Muhd Rosydi Muhammad 57

8. Enhancement of Zakat Distribution Management System: Case Study in Malaysia

Muharman Lubis, Nurul Ibtisam Yaacob, Yusoff Omar, Abdul Rahman Ahmad Dahlan and Aznan Zuhid Saidin..... 67

9. Mosque-Based Collaborative Healthcare System (MCHS): Malaysia Case Study

Azizah binti Hassan, Hindh Ali, Nakkazi Rukia, Abdul Rahman Ahmad Dahlan and Aznan Saidin..... 78

10. Collaborative Decision Making in University Selection

Al-Abrar Abdul Wahid, Hissein Aboubakar Idriss, Muhammad, Abdul Rahman Ahmad Dahlan and Muhd Rosydi Muhammad..... 89

11. e-One Portal in Delivering Services

Abdul Rahman Ahmad Dahlan, Shafiyah Nabilah, Siti Juliana Bt Latiman, Nur ‘Atiqah Bt Yahaya, Noor Azirah Bt Mastor, Norbairah bt Kamil and Aznan Zuhid Saidin 99

12. Community Landslide Collaboration System (COL) for Disaster Prevention, Mitigation and Preparedness

Abdul Rahman Ahmad Dahlan, Asmawati Mamat, Norhafizah Ahmad Shabri, Siti Khariah Shaari and Aznan Zuhid Saidin..... 107

13. A Concept Study on Community-Based Disaster Management System in Malaysia

Binyamin Ajayi Adeniyi, Bakhtiyar A. Hussein, Mustafa Naseer, Abdul Rahman Ahmad Dahlan and Muhd Rosydi Muhammad..... 118

14. My-AKSARA: Literacy Project in Malaysia (LPIM) Using Cloud Computing

Abdul Rahman Ahmad Dahlan, Ana Uswatun Khasanah, Aqqiela Zuhra Zuhedy Zay, Hanna', Hemalatha A/P Kunasaikaran and Mohamad Fauzan Noordin..... 128

15. Eco-Friendly Products: A Case Study of Level of Awareness in International Islamic University Malaysia (IIUM)

Abdul Rahman Ahmad Dahlan, Muniratul Huda Binti Fisar, Azimah Binti Abd. Samad, NorAzleen Binti Othman and Muhd Rosydi Muhammad 138

16. Management Disaster for Charity Donation System to Malaysian Community

Abdul Rahman Ahmad Dahlan, Salwana Bt Zaini, Norfarah Aziella Bt Tajip, Saidatul Nadila Bt. Saad, Noor Ain Bt. Mohd Salim, Siti Nuramanina Bt Hamdan and Muhd Rosydi Muhammad.....147

17. Malaysia Petrol Subsidize Authorization Card System

Abdul Rahman Ahmad Dahlan, Norsuzliza Md. Shafie, Nurul Hasanah Pohan, Marina Muhammad Shariff, Kamaliah Amira Kari, Siti Aisyah Mohd. Zolkefeli and Aznan Zuhid Saidin 157

18. Interactive Online Learning (IOL) Collaborative System

Abdul Rahman Ahmad Dahlan, Nor Diana Bt Nordin, Nur Izzati Murni Bt Murtadzo, Khairunnisa Hanina Bt Ahamad Mohrodi, Siti Arbaiyah Bt Mahamad Ramli, Farah Nurafiqah Hanis Bt Abd Hadi and Aznan Zuhid Saidin..... 168

19. Collaborative Disaster Management System: An Exploratory for Landslide in Malaysia

Mohammad Salem Almohaifer, Dramane Mohamed A. Islam, Abul Kalam Azad, Abdul Rahman Ahmad Dahlan and Muhd Rosydi Muhammad	179
20. Health-Care Collaborative System: (HCCS): A Concept	
Ikhlas Fuad Zamzami, Md. Nesar Uddin, Hanan A. A. Fatani, Abdul Rahman Ahmad Dahlan and Muhd Rosydi Muhammad.....	189
21. Real Time Information Sharing and Remote Sensing for Disaster Management and Prevention	
Abdul Rahman Ahmad Dahlan, Omar Magomedov, Muhammad Fadhle Ikram bin Abd. Hamed, Jamshid Irgashev, Umidjon Komilov and Muhd Rosydi Muhammad.....	199
22. End-to-End Enhancement of International Islamic Digital Library at the National Library of Malaysia	
Amina Hamith, Nur-Adib Hayiyusuh, Noor Hayani Abd Rahim, Reem Mata, Abdul Rahman A. Dahlan and Muhd Rosydi Muhammad	210
23. Collaboration System towards Program Anak Emas in Malaysia (SPANE)	
Abdul Rahman Ahmad Dahlan, Shairazi bin Sauki, Khairul Idham bin Rusmadi, Muhamad Hafizi bin Shuib, Mohd Mumtaz bin Man Sort, Mohd. Toriq Khan bin Mohamad Niyaz Khan and Muhd Rosydi Muhammad	220
24. e-Ladies: A Website that Collaborate with Woman Organizations	
Abdul Rahman Ahmad Dahlan, Siti Aminah Mohd Naim, Yasmin Adiela Saadon, Nurul Aqilah Mohd Zarani, Nurul A'tiyah Ahmad Lotfi, Nurul Amalina Bt Abd Aziz and Muhd Rosydi Muhammad .	230

25. e-Life Web-Based Applicatio of Birth and Death Certificate

Abdul Rahman Ahmad Dahlan, Hafsah Mansor, Sopiya
Tayongpakor, Miss Nipattra Hajiwangoh, Eslam Abdurabuh Ahmed,
Nur Nadirah Shamsuddin and Muhd Rosydi Muhammad 238

26. Super Authentication Security System (SASS) to Malaysia Community for Safety Management

Abdul Rahman Ahmad Dahlan, Zuneka bt Masnor, Shamira bt
Zanurin, Fatimah bt Fauzi, Nur Mahfuzah bt Mohamad Amin and
Muhd Rosydi Muhammad..... 248

1. 1 Government, Many Agencies and The Malaysian Student Integrated System

Abdul Rahman Ahmad Dahlan, Abdul Wafiy Sahar, Abdul Halim Mahmood, Mohd Farith Che Rohim, Muadz Ahmad Raji, Muhammad Ridha Atiq Mohd Radzi and Muhd Rosydi Muhammad

ABSTRACT

Malaysia has two key government ministries to manage education. The Ministry of Education (MoE) handles matters pertaining to pre-school, primary school, secondary school and post-secondary school. The Ministry of Higher Education (MoHE) deals with matters regarding tertiary education. This conceptual paper explores the possibilities of establishing a holistic Malaysian Student Integrated System (MySIS), where all information regarding students such as student health status, education history, progress, achievements and discipline are stored, managed, updated, shared and leveraged in meeting the human capital and talent needed to drive Malaysia's high-income, knowledge intensive and innovation-lead economy agenda. Thus, the establishment of MySIS requires the co-operation, collaboration and sharing of knowledge and resources between the key government agencies such as the MoE, MoHE and the Ministry of Health. MySIS initiative is line with the strategic intent of "The Malaysian Public Sector ICT Strategic Plan (2011-2015)" established by MAMPU, in allowing for the pervasive use of Information System (IS) and ICT for citizen-centric and 'whole of government' delivery. It aims to achieve this by unlocking the full potential of government's IS with a focus on innovation, knowledge sharing and learning, value for money and optimization of resources

1.1 INTRODUCTION